



\$ Receipt

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/090,103	
	Filing Date	February 27, 2003	
	First Named Inventor	Yuan, Zheng	
	Art Unit	1762	
	Examiner Name	To Be Assigned	
Total Number of Pages in This Submission	1	Attorney Docket Number	A6381/T45600

**FILE COPY**  
**RECEIVED**  
APR 8 2003  
TC 1700

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment / Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Request for Corrected Filing Receipt, Redline corrected copy of Filing Receipt, Supplemental Application Data Sheet, Return Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Kent J. Tobin Reg. No. 39,496
Signature	
Date	March 20, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: <u>March 20, 2003</u>			
Typed or printed	Krista K. Merrimac		
Signature		Date	March 20, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.



# FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 25

Complete if Known

Application Number 10/090,103  
Filing Date February 27, 2002  
First Named Inventor Yuan, Zheng  
Examiner Name To Be Assigned  
Group Art Unit 1762  
Attorney Docket No. A6381/T45600

RECEIVED  
APR 8 2003  
TC 1700

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit  
Account  
Number

20-1430

Deposit  
Account  
Name

Townsend and Townsend and Crew LLP

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☒ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$)

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fees from below		Fee Paid
Total Claims	**	=		X		
Independent Claims		=		X		
Multiple Dependent		=		X		

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Petitions related to provisional applications	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) Correction to Filing Receipt Fee

25

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3)

(\$)25

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)

Kent J. Tobin

Registration No. (Attorney/Agent)

39,496

Telephone

650-326-2400

Signature

Date

March 20, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. PA 3292913 v1

BEST AVAILABLE COPY



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents  
Washington, D.C. 20231

On March 20, 2003

TOWNSEND and TOWNSEND and CREW LLP

By: [Signature]

PATENT  
Docket No.: A6381/T45600  
Client Ref. No.: 006381 USA/TCG/PMD/BG  
TTC No.: 016301-045600US

RECEIVED  
APR 8 2003  
TC 1700

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

ZHENG YUAN et al.

Application No.: 10/090,103

Filed: February 27, 2002

For: PROCESS FOR FORMING  
SILICON OXIDE MATERIAL

Examiner: To Be Assigned

Art Unit: 1762

REQUEST FOR CORRECTED FILING  
RECEIPT

Office of Initial Patent Examination  
Filing Receipt Corrections  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is a redline corrected copy of the official Filing Receipt for the above-noted application for which issuance of a corrected Filing Receipt is respectfully requested.

There is an error in the Attorney Docket No. section of the Filing Receipt. The correct Attorney Docket No. should read as follows:

**A6381/T45600**

A Supplemental Application Data Sheet is included with this Response.

**BEST AVAILABLE COPY**

ZHENG YUAN et al.  
Application No.: 10/090,103  
Page 2

RECEIVED  
APR 8 2007  
TC 1700

PATENT

Pursuant to 37 CFR §1.19(h), of \$25.00 is to be charged to Deposit  
Account No. 20-1430 as noted on PTO Form SB/17 Fee Transmittal. Please charge any  
additional fees or credit overpayment to the Deposit Account No. 20-1430.

Respectfully submitted,



Kent J. Tobin  
Reg. No. 39,496

TOWNSEND and TOWNSEND and CREW LLP  
Tel: (650) 326-2400  
Fax: (650) 326-2422  
KJT/km

BEST AVAILABLE COPY



MAR 25 2003

UNITED STATES PATENT AND TRADEMARK OFFICE

 RECEIVED  
 APR 8 2002  
 TC 1700

 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
 www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FILE FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
10/090,103	02/27/2002	1762	866	016301- 045600US	3	27	3

A6381/T45600

CONFIRMATION NO. 4419

## FILING RECEIPT



\*OC000000007829141\*

Patent Counsel, M/S 2061  
 APPLIED MATERIALS, INC.  
 Legal Affairs Department  
 P.O. Box 450A  
 Santa Clara, CA 95052

REC'D APR 16 2002

Date Mailed: 04/09/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Zheng Yuan, Fremont, CA;  
 Xinyun Xia, San Jose, CA;

## Assignment For Published Patent Application

Applied Materials, Inc. a Delaware Corporation, Santa Clara, CA;

## Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 04/08/2002

Projected Publication Date: 08/28/2003

Non-Publication Request: No

Early Publication Request: No

## Title

Process for forming silicon oxide material

cc: DOCKETING

BEST AVAILABLE COPY

Preliminary Class

427

---

**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**BEST AVAILABLE COPY**

## Application Data Sheet

### Application Information

Application number:: 10/090,103  
Filing Date:: 02/27/02  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R??::  
Number of CD disks::  
Number of copies of CDs::  
Sequence Submission::  
Computer Readable Form (CRF)?::  
Number of copies of CRF::  
Title:: PROCESS FOR FORMING SILICON OXIDE  
MATERIAL  
Attorney Docket Number:: A6381/T45600  
Request for Early Publication:: No  
Request for Non-Publication:: No  
Suggested Drawing Figure:: 2  
Total Drawing Sheets:: 3  
Small Entity?:: No  
Latin name::  
Variety denomination name::  
Petition included?:: No  
Petition Type::  
Licensed US Govt. Agency::  
Contract or Grant Numbers One::  
Secrecy Order in Parent Appl.: No

## **Applicant Information**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Canada  
Status:: Full Capacity  
Given Name:: Zheng  
Middle Name::  
Family Name:: Yuan  
Name Suffix::  
City of Residence:: Fremont  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 42024 Benbow Drive  
City of Mailing Address:: Fremont  
State or Province of mailing address:: CA  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 94086

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: Peoples Republic of China  
Status:: Full Capacity  
Given Name:: Xinyun  
Middle Name::  
Family Name:: Xia  
Name Suffix::  
City of Residence:: San Jose  
State or Province of Residence:: CA  
Country of Residence:: US  
Street of Mailing Address:: 1571 Cleo Springs Drive  
City of Mailing Address:: San Jose  
State or Province of mailing address:: CA



Country of mailing address:: US  
Postal or Zip Code of mailing address:: 95131

### Correspondence Information

Name Line One:: Patent Counsel, M/S 2061  
Name Line Two:: APPLIED MATERIALS, INC.  
Address Line One:: Legal Affairs Department  
Address Line Two:: P.O. Box 450A  
City:: Santa Clara  
State or Province:: CA  
Postal or Zip Code:: 95052  
Telephone:: 650-326-2400  
Fax:: 415-576-0300

### Representative Information

Representative Designation::	Representative Number::	Representative Name::
Primary	37,234	William L. Shaffer
Primary	25,610	Peter J. Sgarbossa
Primary	37,771	Joseph Bach
Primary	33,217	Donald Verplancken
Primary	25,226	Lawrence Edelman
Primary	37,165	Raymond Kam-On Kwong
Primary	35,412	James C. Wilson
Primary	25,436	Robert W. Mulcahy
Primary	44,713	Walter Benjamin Glenn
Primary	27,431	Robert C. Colwell
Primary	41,405	Chun-Pok Leung
Primary	40,456	Patrick R. Jewik
Primary	39,496	Kent J. Tobin

### Domestic Priority Information

Application::                      Continuity Type::                      Parent Application::    Parent Filing Date::

### Foreign Priority Information

Country::                      Application number::                      Filing Date::

### Assignee Information

Assignee Name::                      Applied Materials, Inc.

Street of mailing address::                      3050 Bowers Avenue

City of mailing address::                      Santa Clara

State or Province of mailing address::    California

Country of mailing address::                      United States

Postal or Zip Code of mailing address::    95054